



Building South Dakota's Healthcare Workforce

South Dakota Department of Health
Healthcare Workforce Center

July 2007

PHARMACIST

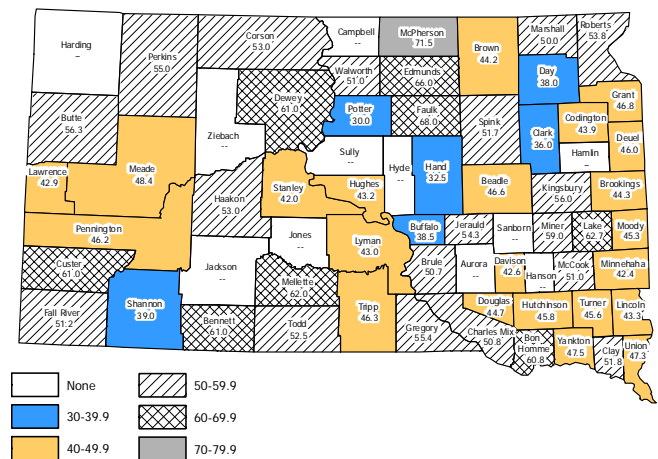
Growing concerns regarding the critical shortage of healthcare professionals in the State has prompted the creation of the South Dakota Healthcare Workforce Initiative. This initiative is a joint effort between the Departments of Education, Health and Labor, as well as the South Dakota Board of Regents. The purpose of this inter-agency project is to ensure a competent and qualified healthcare workforce that meets the needs of all South Dakotans.

According to the South Dakota Department of Labor, there is a projected increase of nearly 30 percent in the number of healthcare workers needed between the years of 2004 and 2014. As healthcare facilities face this increased need in providers, they are also looking at a shrinking pool of potential replacements. In South Dakota, between 2010 and 2025, the percentage of potential workers (ages 15-64) is projected to decrease by 4.4 percent. According to the Western Interstate Commission for Higher Education, the number of high school graduates will decrease by 16.5 percent between 2001/02 and 2017/18. While the number of youth in South Dakota slowly decreases, the percentage of those of retirement age (age 64 and up) increases drastically. The South Dakota State Data Center indicates an increase of 58 percent among those of retirement age.

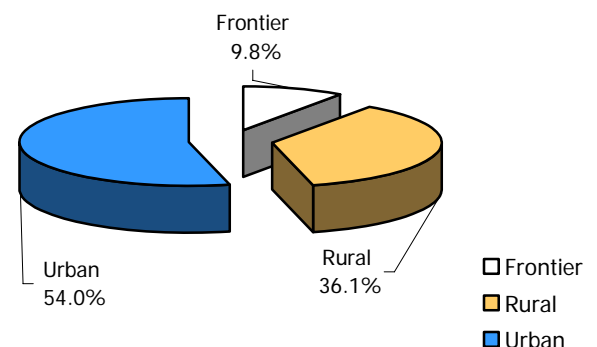
The information presented below has been compiled by the South Dakota Department of Health. This fact sheet includes information pertaining to workforce issues for pharmacists. For more information, contact the Department of Health at 605.773.3361.

DEMOGRAPHICS

There are currently 833 pharmacists employed in South Dakota ranging from the age of 25 to 86 years old. The map below depicts the average age by county in which pharmacists are employed².



Over half (54%) of pharmacists in South Dakota currently practice in an urban community while only 9.8 percent of pharmacists practice in frontier communities².



Over half, 53.5 percent, of current pharmacists are female while 46.5 percent are male. The average age of pharmacists in South Dakota is 45.2. Almost half, 46.1 percent, of pharmacists are aged 46 and over².



Ensuring a competent and qualified healthcare workforce that meets the health needs of all South Dakota residents...

PROJECTED WORKER NEED

In 2007, there were 833 pharmacists in South Dakota. **This number is projected to grow to 1,016 by the year 2014, an increase of 22 percent⁴.**

PERCENT OF VACANCIES AND TURNOVERS

A vacancy is defined as a budgeted position not currently filled, while a turnover is defined as the number of employees who left a facility during the fiscal year. Listed below, are the percent of vacancies and turnovers for full-time pharmacists by year³. Please note that the data below does not include pharmacists employed in pharmacies that were surveyed for the first time in 2007.

Year	Percent of Vacancies	Percent of Turnovers
2002	11.3	11.9
2003	5.1	3.1
2004	12.8	3.2
2005	6.0	3.6
2006	1.4	1.4

EDUCATION AND TRAINING

The College of Pharmacy offers a six-year course of study leading to a Doctor of Pharmacy degree (Pharm. D.). The pharmacy curriculum is divided into a 2-year pre-pharmacy and a 4-year professional program. In South Dakota, South Dakota State University in Brookings offers this degree¹.

HEALTHCARE INCENTIVE PROGRAMS

The Office of Rural Health administers a variety of programs to assist communities in recruiting health care professionals. Pharmacists are eligible to participate in the Health Professional Recruitment Incentive Program. For more information visit www.state.sd.us/doh/rural/recruit.htm.

ACCREDITATION

Pharmacists are licensed through the South Dakota Board of Pharmacy.

LINKS OF INTEREST

- American Medical Association
www.ama-assn.org.org
- Health Occupations for Today and Tomorrow (HOTT) www.sdjobs.org/sdhott
- Occupational Outlook Handbook (OOH) www.bls.gov/oco
- O*Net Link <http://online.onetcenter.org>
- South Dakota Board of Pharmacy
www.state.sd.us/doh/pharmacy
- South Dakota Department of Labor
www.sdjobs.org
- SDSU College of Pharmacy
www3.sdstate.edu/Academics/CollegeOfPharmacy
- South Dakota Department of Health, Office of Rural Health/Recruitment
www.state.sd.us/doh/rural/recruit.htm
- U.S. Department of Labor
www.bls.gov

FOOTNOTES

¹ South Dakota State University
<http://www3.sdstate.edu/Academics/CollegeOfPharmacy/PharmDProgram/>

² South Dakota Board of Pharmacy.

³ South Dakota Department of Health.

⁴ Labor Market Information Center, SD Department of Labor, June 2006

Only pharmacists practicing in South Dakota included above.

Does not include unemployed, relief, or retired pharmacists in South Dakota. Pharmacists shown by county in which they are employed.

Vacancy numbers are as of January 31st for the respective year.

Percent of Turnover is defined as turnover for the facility's fiscal year divided by current total budgeted positions.

Percent of Vacancies is defined as current total budgeted vacancies divided by current total budgeted positions.

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Healthcare Workforce Center**

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Office of Rural Health

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PHARMACIST

SD County	Count	Average Age	SD County	Count	Average Age
Aurora	-	-	Hyde	-	-
Beadle	12	46.6	Jackson	-	-
Bennett	2	61.0	Jerauld	3	54.3
Bon Homme	4	60.8	Jones	-	-
Brookings	22	44.3	Kingsbury	8	56.0
Brown	37	44.2	Lake	10	62.7
Brule	6	50.7	Lawrence	17	42.9
Buffalo	2	38.5	Lincoln	4	43.3
Butte	3	56.3	Lyman	2	43.0
Campbell	-	-	Marshall	1	50.0
Charles Mix	9	50.8	McCook	3	51.0
Clark	1	36.0	McPherson	2	71.5
Clay	11	51.8	Meade	18	48.4
Codington	34	43.9	Mellette	1	62.0
Corson	1	53.0	Miner	2	59.0
Custer	2	61.0	Minnehaha	340	42.4
Davison	27	42.6	Moody	3	45.3
Day	3	38.0	Pennington	110	46.2
Deuel	3	46.0	Perkins	1	55.0
Dewey	1	61.0	Potter	2	30.0
Douglas	3	44.7	Roberts	4	53.8
Edmunds	3	66.0	Sanborn	-	-
Fall River	10	51.2	Shannon	2	39.0
Faulk	1	68.0	Spink	7	51.7
Grant	9	46.8	Stanley	1	42.0
Gregory	5	55.4	Sully	-	-
Haakon	1	53.0	Todd	2	52.5
Hamlin	-	-	Tripp	4	46.3
Hand	2	32.5	Turner	5	45.6
Hanson	-	-	Union	4	47.3
Harding	-	-	Walworth	3	51.0
Hughes	22	43.2	Yankton	33	47.5
Hutchinson	5	45.8	Ziebach	-	-

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Source: South Dakota Board of Pharmacy

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